

Editorial comments:

The manuscript is a good description of the effect of the new pyrazoles, but there are no real discussion/conclusion on which pyrazoles have most promising effects and which one need more investigations. This comment is in the same line as those I give to the authors during the revision: "Precise the title" and "Conclusion is not sufficiently precise. Please precise the effective compounds in relieving toxicological features (compound 2?) and the compounds which need more investigations (compound 1 or too much adverse effects?). What about number 3, 4, 5?"

Authors' feedback:

The title was edited as

Estimation of the modulatory roles of thieno [2,3-c] pyrazole compounds versus the toxicity of 4-nonylphenol in African catfish (*Clarias gariepinus*)

The conclusion section was edited as

The results of this study indicated that, most of the new synthesized thienopyrazole compounds used in this study as compound 2>3>4>5 were effective in relieving the toxicological features associated with 4-nonylphenol exposure regarding electro-hematological markers of the African catfish (*Clarias gariepinus*). More investigation was required for compound 1.